

Fig.1 (Prior Art) Alpha Format Packet



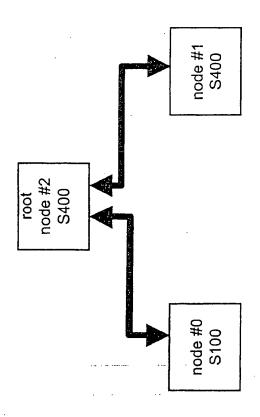
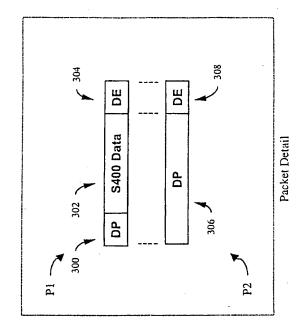


Fig. 2 (Prior Art) Legacy Compatibility Example

Inventor(s): Jerrold V. Hauck, et al.
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For: METHOD AND APPARATUS FOR BORDER NODE BEHAVIOR ON A FULL-DUPLEX BUS



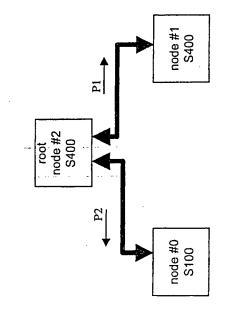
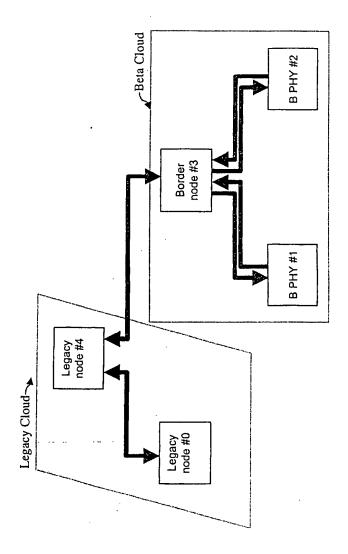


Fig. 3 (Prior Art) Legacy Speed Filtering Example

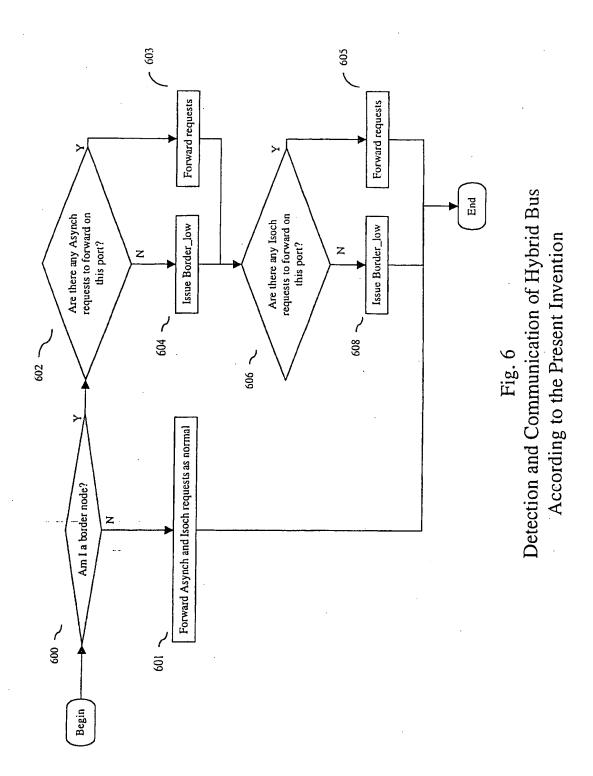
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Fig. 4 (Prior Art) P1394b Packet Format





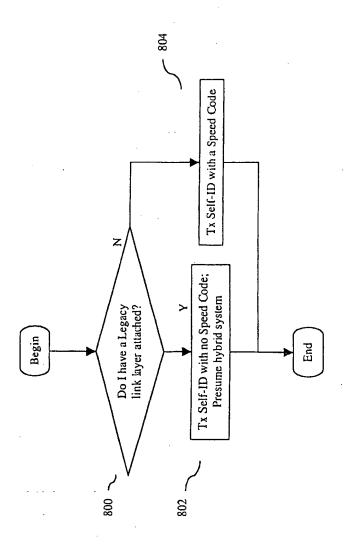
Data Communications System Having both P1394b and Legacy Devices Fig. 5 (Prior Art)



REPLACEMENT SHEET --- Sheet 7 of 13

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REPLACEMENT SHEET --- Sheet 8 of 13



Detection and Communication of a Legacy Link Layer According to the Present Invention Fig. 8

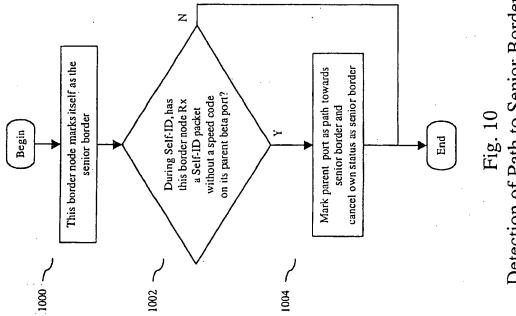
900

Rx Self-ID packet with
no Speed Code?

Presume hybrid system

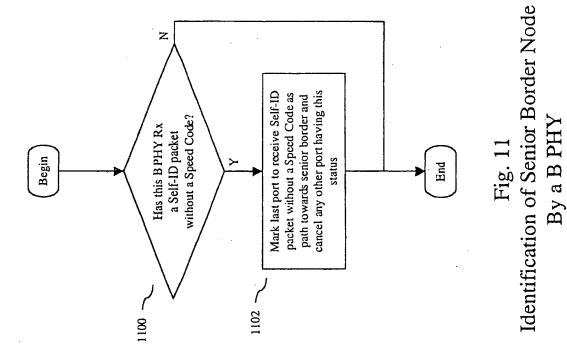
End

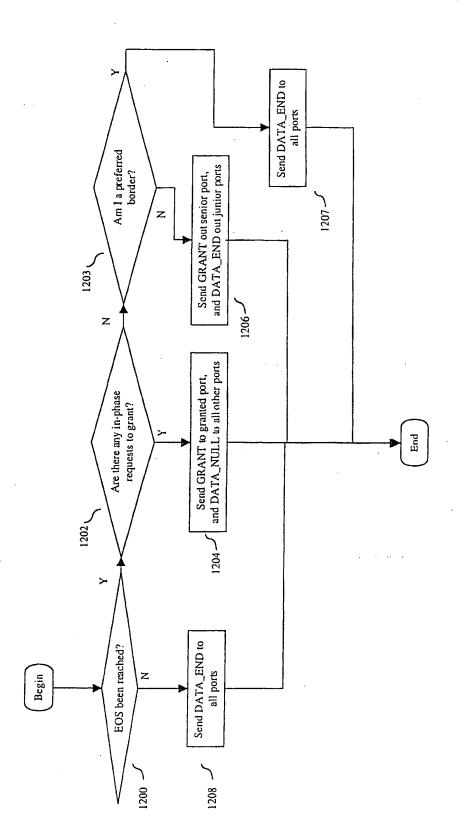
Fig. 9
Detection and Communication of Hybrid Bus
According to the Present Invention



According to the Present Invention Detection of Path to Senior Border By a Border PHY

According to the Present Invention





According to the Present Invention Restoring Senior Border as BOSS Fig. 12

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According to the Present Invention OK\_TO\_GRANT Profile

Hybrid Bus ARG ARG ARG SAG SAG SAG EOP EOP EOP EOP ACK Missing B Bus EOP EOP EOS (After asynchronous packet) (After asynchronous packet) End of Isoch Packet